

EPA ID: CTD981898406 Site Name: BRISTOL COMPANY

State ID:

Alias Site Names:

City: WATERBURY

County or Parish: NEW HAVEN

State: CT

Refer to Report Dated:

Report Type: SITE REASSESSMENT 001

Report Developed by: START

DECISION:

☐ 1. Further Remedial Site Assessment under CERCLA (Superfund) is not required because:☐ 1a. Site does not qualify for further remedial site assessment under CERCLA (No Further Remedial Action Planned - NFRAP)☐ 1b. Site may qualify for action, but is deferred to:☒ 2. Further Assessment Needed Under CERCLA:2a. Priority: ☐ Higher ☒ Lower

2b. Other: (recommended action) Low



SDMS DocID 583201

DISCUSSION/RATIONALE:

An EPA contractor reviewed the last available report, contacted state and EPA representatives, and produced a fact sheet for this, and approximately 700 other Region 1 sites. This effort was entered into WasteLAN/CERCLIS as a Site Reassessment (code "OO"). For most of these sites, the entry date was August 2001. This copy is the Site Reassessment product of 2001. Subsequent changes to the site fact sheet may be made in order to keep the fact sheet current, however the revised fact sheet will only be available via the Region 1 website.

Site Decision Made by: DON SMITH

Signature: _____

 4-8-03

Date: 08/02/2001

**Bristol Company
Waterbury, Connecticut**

**CERCLIS No. CTD981898406
Site ID No. 0100312**

The Bristol Company (BC) property is located at 40 Bristol Street in Waterbury, New Haven County, Connecticut. The 17-acre property was formerly occupied by BC, is currently owned by the Jostal Corporation, and has been inactive and unoccupied since 1988. The property is divided east to west by Bristol Street. A large manufacturing complex of 15 buildings is located north of Bristol Street, while the former BC Administration Building and maintenance garage are located south of Bristol Street. A former BC employee athletic field and wooded area occupy the southernmost portion of the property. The property is bordered by wooded areas to the north, south, and west; and Boston & Maine railroad tracks and the Naugatuck River to the east.

A number of aboveground storage tanks (ASTs), underground storage tanks (USTs), and polychlorinated biphenyl (PCB)-containing transformers and capacitors have been located on the former BC property. Some of the ASTs and USTs once located on the property have been removed. A trichloroethylene (TCE) disposal area was located in the southwest corner of the property and a former pump house was located in the southeast corner of the property.

From 1897 to 1961, BC manufactured pneumatic, electrical, and mechanical instrumentation including temperature controls, chemical sensors, recorders, and indicating devices for industrial use on site. From 1961 to 1988, Babcock Wilcox, Ltd., Bristol Babcock Company, and American Chain and Cable Company manufactured similar products on the property. Operations performed on the property included drilling, milling, stamping, and grinding of metal bar stock; vapor degreasing; nickel, cadmium, and copper electroplating; epoxy and enamel painting; soldering; and welding. Steel, brass, and aluminum bar stock and a variety of hazardous chemicals including acids, metal plating solutions, cutting and lubricating oils, paints, and solvents (chlorinated and non-chlorinated) were used in the manufacturing processes. Metal degreasing operations generated waste solvents of a sludge consistency which contained nickel, copper, and chromium.

A metal plating area and a wastewater treatment system were located in the manufacturing complex. The wastewater treatment system generated metal hydroxide sludges, which were shipped off site for disposal. Available files do not indicate how wastewaters were disposed of prior to the construction of the wastewater treatment plant in 1971, but the wastewaters may have been released, untreated, to the Naugatuck River. From 1971 to 1988, BC discharged 14,400 gallons per day of wastewater to the Naugatuck River under a National Pollutant Discharge Elimination System (NPDES) permit. In 1985 and 1988, BC was cited for violations of its NPDES permit, discharging excess cadmium and amenable cyanide. BC was a Resource Conservation and Recovery Act (RCRA) regulated large quantity generator of hazardous waste.

In 1986, an environmental site assessment was performed for the BC property by a private contractor. Soil samples collected during the investigation detected high concentrations of TCE in soil in the southwest corner of the property; the contaminated soil was attributed to unauthorized disposal of TCE by an unknown third party. The soil was removed under the regulations of the Connecticut Department of Environmental Protection (CT DEP) by 1990. Following the closure of the BC facility in 1988, a number of ASTs, USTs, and transformers were removed from the property under CT DEP regulations. In some cases, residual contamination was discovered during tank removals, but available file information does not indicate that the residual contamination was removed.

In 1987, a Preliminary Assessment (PA) was conducted at the former BC property; and in 1993, a Site Inspection (SI) was conducted at the property. Numerous process areas, hazardous waste storage areas, the former wastewater treatment plant, and the former wastewater discharge outfall are the source areas identified on the property. Source samples collected from the property indicated that soil contains volatile organic compounds (VOCs) (including acetone, TCE and 1,1,1-trichloroethane), PCBs, and metals (including cadmium, chromium, copper, and lead). Groundwater beneath the property is also contaminated with chlorinated solvents, PCBs, and metals. In 1994, CT DEP personnel collected sediment samples upstream and downstream of the former BC property, which did not indicate the presence of hazardous substances downstream of the property.

The depth to groundwater beneath the former BC property is 3 to 9 feet below ground surface and groundwater flow is likely eastward towards the Naugatuck River. The nearest groundwater supply is located approximately 0.3 miles southwest of the former BC property. The nearest public groundwater supply is located approximately 2.2 miles southwest of the former BC property. An estimated 13,294 people rely on groundwater sources located within 4-radial miles of the former BC property for drinking water. No nearby drinking water wells have been reported to be impacted.

**Bristol Company
Waterbury, Connecticut**

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Surface water runoff from the property enters the Naugatuck River east of the former BC property, via storm drains and as groundwater discharge. No surface water intakes are located downstream of the former BC property. Recreational fisheries are located downstream of the former BC property. Wetland frontage occurs along the 15-mile downstream surface water pathway. Sediment samples collected downstream of the former BC property do not document a release of hazardous substances to the Naugatuck River.

No workers are present on the former BC property. Access to the northern portion of the former BC property is restricted by fences and gates (although signs of trespass were noted in 1993), while access to the southern portion of the property is unrestricted. The nearest residence is located approximately 200 feet west of the property. An estimated 6,227 people live within 1-radial mile of the former BC property. Shallow soil samples collected on the property document the presence of hazardous substances, including PCBs and metals.

An estimated 99,909 people live within 4-radial miles of the former BC property. A habitat for a State-protected species and wetlands are located within 4-radial miles of the property. No complaints of air releases from the property were found in available files.

The last known action at the Bristol Company property was the Site Inspection conducted in 1993.

2/2